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FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

TOTAL AMOUNT OF PAYMENT

(\$ 690.00)

Complete If Known

Application Number

Filing Date 06/30/2000

First Named Inventor Richard Gu

Examiner Name

Group / Art Unit

Attorney Docket No. TI-29215

METHOD OF PAYMENT**FEE CALCULATION (continued)**

1. The Commissioner is hereby authorized to charge to the following Deposit Account.

Deposit Account Number

20-0668

Deposit Account Name

Texas Instruments Incorporated

- Charge any additional fee required or credit any overpayment Charge all indicated fees and any additional fee required or credit any overpayment

2. Payment Enclosed:

Check Money Order Other

FEE CALCULATION**1. BASIC FILING FEE**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	790	201	395	Utility filing fee	\$690
106	330	206	165	Design filing fee	\$
107	540	207	270	Plant filing fee	\$
108	790	208	395	Reissue filing fee	\$
114	150	214	75	Provisional filing fee	\$
SUBTOTAL (1)				(1)	(\$690)

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
1	-20** = 0	x 18 = 0	0
Independent Claims	1 -3** = 0	x 78 = 0	0
Multiple Dependent		0 = 0	0

**or number previously paid, if greater; For Reissue, see below

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	22	203	11	Claims in excess of 20
102	82	202	41	Independent Claims in excess of 3
104	270	204	135	Multiple dependent claims in excess of 3
109	82	209	41	**Reissue independent claims over original patent
110	22	210	11	**Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)				(\$0)

3. ADDITIONAL FEES

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
05	130	205	65	Surcharge - late filing fee	
27	50	227	25	Surcharge - late provisional filing fee or cover sheet	
39	130	139	130	Non-English specification	
47	2,520	147	2,520	For filing a request for reexamination	
12	920*	112	920*	Requesting publication of SIR prior to Examiner action	
13	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
15	110	215	55	Extension for reply within first month	
16	400	216	200	Extension of time within second month	
17	950	217	475	Extension of time within third month	
18	1,510	218	755	Extension of time within fourth month	
28	2,060	228	1,030	Extension of time within fifth month	
19	310	219	155	Notice of Appeal	
20	310	220	155	Filing a brief in support of an appeal	
21	270	221	135	Request for oral hearing	
38	1,510	138	1,510	Petition to institute a public use proceeding	
40	110	240	55	Petition to revive - unavoidable	
41	1,320	241	660	Petition to revive - unintentional	
42	1,320	242	660	Utility issue fee (or reissue)	
43	450	243	225	Design issue fee	
44	670	244	335	Plant issue fee	
22	130	122	130	Petitions to the Commissioner	
23	50	123	50	Petitions related to provisional applications	
26	240	126	240	Submission of Information Disclosure Stmt.	
581	40	581	40	Recording each patent assignment per property (time number of properties)	
46	790	246	395	Filing a submission after final rejection (37 CFR 1.129(a))	
49	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))	
Other fee (specify)					
Other fee (specify)					

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

SUBMITTED BY

Typed or Printed Name

Rebecca Mapstone Lake

Complete (if applicable)

Signature

Date

6,30.00

Reg. Number

36,208

Deposit Account User ID

1C980000000000000000000000000000
U.S. PTO

07-03-00

PTO/SB/05 (12/97)

Approved for use through 09/30/00. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Please type a plus sign (+) inside the box → +

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. **TI-29215**First Named Inventor or Application Identifier **Richard Gu**Title **A Time Division Multiplex Data Recovery System Using Closer Loop Phase And Delay Locked Loop**Express Mail Label No. **EL008140940US****APPLICATION ELEMENTS**

See MPEP Chapter 600 concerning utility patent application contents

1. *Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)

2. Specification [Total Pages **22**]

- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R&D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

3. Drawing(s) (35 USC d113) [Total Sheets **12**]

4. Oath or Declaration [Total Pages]

- a. Newly Executed (original or copy)
- b. Copy from a prior application (37 CFR §1.63(d))
(for continuation/divisional with Box 17 completed)

[Note Box 5 below]**i. DELETION OF INVENTOR(S)**

Signed statement attached deleting inventor(s)
named in the prior application,
see 37 CFR §1.63(d)(2) and 1.33(b).

5. Incorporation By Reference (useable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy of
the oath or declaration is supplied under Box 4b, is considered as
being part of the disclosure of the accompanying application and is
hereby incorporated by reference therein.

ADDRESS TO:Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

6. Microfiche Computer Program (Appendix)

7. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)

- a. Computer Readable Copy
- b. Paper Copy (identical to computer copy)
- c. Statement verifying identical of above copies

ACCOMPANYING APPLICATION PARTS

8. Assignment Papers (cover sheet & Documents(s))

9. 37 CFR §3.73(b) Statement
(when there is an assignee) Power of Attorney

10. English Translation Document (if applicable)

11. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations

12. Preliminary Amendment

13. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)

14. Small Entity Statement(s) Statement filed in prior application
(PTO/SB/09-12) Status still proper and desired

15. Certified Copy of Priority Document(s)
if foreign priority is claimed

16. Other:

**A new statement is required to be entitled to pay small entity fees, except where one has been filed in a prior application and is being relied upon.*

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment:

 Continuation Divisional Continuation-in-part (CIP)

of prior application No: /

Prior application information: Examiner

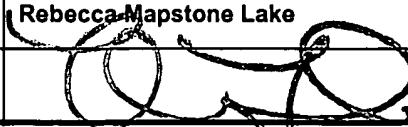
Group / Art Unit:

18. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

 Correspondence address below

NAME	Rebecca Mapstone Lake Texas Instruments Incorporated		
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Name (Print/Type) **Rebecca Mapstone Lake** Registration No. (Attorney/Agent) **36,208**Signature  Date **6.30.00**

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.